

**TECHNICAL REQUIREMENTS  
DOCUMENT (TRD)**

**FOR**

**SOUNDING ROCKET PROGRAM  
Follow-on (SRP-2)**

**SPACEPORT STUDIES**

**25 May 2000**

## TABLE OF CONTENTS

### Paragraph

### page

1. Procurement Task .....	1
1.1 Spaceport Studies.....	1
1.2 Meeting Conduct and Attendance.....	1

## **1. Procurement Task**

### **1.1 Spaceport Studies**

The contractor shall conduct a spaceport study that includes the following:

- 1) The study shall identify the contractor's understanding of the spaceport requirements of Sample Mission 1 for executing the launch from the Kodiak Launch Complex (KLC).
  - a) The contractor shall demonstrate of the spaceport efforts for implementing the Sample Mission 1 launch campaign.
  - b) The contractor shall provide an initial Statement of Work (SOW) which describes how efforts in 1(a) above shall be accomplished.
  - c) The study shall identify any spaceport deficiencies and possible solutions or work arounds.
  - d) The contractor shall provide a matrix identifying the potential government agencies and associated contractors normally associated with a Sample Mission 1 type launch. (i.e. Range Safety, Experimenters, Program Office, etc.)
    - 1) The matrix shall identify the spaceport resources required to perform the functions of each of the identified government agencies/associated contractors.
    - 2) The study shall provide a rough order of magnitude (ROM) of the launch services contractor's and Spaceport costs to perform the spaceport efforts.
    - 3) Range safety/operations/telemetry shall be considered as part of this study to prove understanding of spaceport/launch needs, but range services shall be provided by the government.
    - 4) The study shall include a recommendation, with justification, of whether or not the spaceport services should be included in a launch services contract.

CDRL A022 (DI-MISC-80508)

### **1.2 Meeting Conduct and Attendance**

Conduct an Interim Study Review at Task order award plus 6 weeks to understand the study definition and direction contractor is proceeding.

CDRL A019 (DI-ADMN-81505)

**CDRL Table of Contents**

<b><u>CDRL No.</u></b>	<b><u>Title -- Sub-Title</u></b>	<b><u>DID</u></b>	<b><u>TRD Paragraphs</u></b>
A019	Report, Record of Meetings/Minutes	DI-ADMN-81505	1.2
A022	Technical Report - Spaceport Studies	DI-MISC-80508	1.1

**CONTRACT DATA REQUIREMENT LIST**

Form Approval OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

**A. CONTRACT LINE ITEM NO.:**  
**B. EXHIBIT:** A  
**C. CATEGORY:** TDP  
**D. SYSTEM/ITEM:** SRP 2  
**E. CONTRACT/PR NO.:**  
**F. CONTRACTOR:**

**1. DATA ITEM NO.:** A019  
**2. TITLE OF DATA ITEM:** Report, Record of Meetings/Minutes  
**3. SUBTITLE:**

**4. AUTHORITY:** DI-ADMN-81505  
**5. CONTRACT REFERENCE:**

**6. REQUIRING OFFICE:** SMC/TEBI  
**7. DD250 REQ:** LT  
**8. APP CODE:** N/A  
**9. DIST. STATEMENT REQUIRED:** C  
**10. FREQUENCY:** 1TIME  
**11. AS OF DATE:**  
**12. DATE OF FIRST SUB:** EACH MTG  
**13. DATE OF SUBS. SUB:** EACH MTG

14. DISTRIBUTION	A. ADDRESSEES	B. COPIES:	DRAFT	FINAL
SMC/TEBI				1
TRW				1
<b>15. TOTAL:</b>				<b>2</b>

**16. REMARKS:**

**BLOCK 4:** Contractor's format is acceptable.

**BLOCKS 14 & 15:** This data will be provided via an electronic media (CD, DVD, e-mail, etc.).

**17. PRICE GROUP:**

**18. ESTIMATED TOTAL PRICE :**

**G. PREPARED BY:** Michael A. Gallogly  
**H. DATE:**

**I. APPROVED BY:** Michael A. Gallogly  
**J. DATE:**

**CONTRACT DATA REQUIREMENT LIST**

Form Approval OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

**A. CONTRACT LINE ITEM NO.:****D. SYSTEM/ITEM:** SRP 2**B. EXHIBIT:** A**E. CONTRACT/PR NO.:****C. CATEGORY:** TDP**F. CONTRACTOR:****1. DATA ITEM NO.:** A022**2. TITLE OF DATA ITEM:** Technical Report – Studies/Services**3. SUBTITLE:** Spaceport Study**4. AUTHORITY:** DI-MISC-80508**5. CONTRACT REFERENCE:****6. REQUIRING OFFICE:** SMC/TEBI**9. DIST. STATEMENT  
REQUIRED:** C**12. DATE OF FIRST SUB:** See 16**7. DD250 REQ:** LT**10. FREQUENCY:** ONE/R**13. DATE OF SUBS. SUB:** R/ASR**8. APP CODE:** N/A**11. AS OF DATE:****14. DISTRIBUTION**      **A. ADDRESSEES**

SMC/TEBI

SMC/TEBE

TRW

**B. COPIES:**      **DRAFT**      **FINAL**

1

1

1

**15. TOTAL:**

3

**16. REMARKS:****BLOCK 4:** Contractor's format is acceptable.

Delete paragraphs 10.2(c) and (d).

The study shall include the following:

1) The study shall identify the contractor's understanding of the spaceport requirements of Sample Mission 1 for executing the launch from the Kodiak Launch Complex (KLC).

a) The contractor shall demonstrate understanding of the spaceport efforts by describing necessary spaceport activities for implementing the Sample Mission 1 launch campaign.

b) The contractor shall provide an initial Statement of Work (SOW) which describes how efforts in 1(a) above shall be accomplished.

c) The study shall identify any spaceport deficiencies and possible solutions or work-arounds.

d) The contractor shall provide a matrix identifying the potential Government agencies and associated contractors necessary to ensure successful launch. (i.e. Range Safety, Experimenters, Program Office, etc.)

1) The matrix shall identify the spaceport resources required to perform the functions of each of the identified Government agencies/associated contractors.

2) The study shall provide a rough order of magnitude (ROM) of the launch services contractor's and Spaceport costs to perform the spaceport efforts as described.

3) Range safety/operations/telemetry shall be considered as part of this study to prove understanding of spaceport/launch needs, but range services shall be provided by the Government.

4) The study shall include a recommendation, with justification, of whether or not the spaceport services should be included in a launch services contract.

**BLOCK 13:** Provide revisions as required to maintain currency.**BLOCK 14 & 15:** The study shall be provided via an electronic media (CD, DVD, e-mail, etc.).**17. PRICE GROUP:****18. ESTIMATED TOTAL PRICE :****G. PREPARED BY:** Michael A. Gallogly**I. APPROVED BY:** Michael A. Gallogly**H. DATE:****J. DATE:**